

BEAVERHEAD COUNTY MONTANA STATISTICS (FIPS:30001)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

8

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: Jun 14, 1962 and one previous

Location: south of Wisdom at 1545 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

104 mph

Location: near Polaris at 1400 MST.

Date: August 1, 2013

Significant damage was done to homes in the area, with roofs and siding torn off.

Several trees were also downed. The storm began in western Beaverhead County near Jackson, then tracked across the Polaris area, towards Twin Bridges. Very strong winds and hail to 1.75 inches occurred along the track of the storm.

Largest Hailstone

2.75 inches

Location/time: 3 miles south of Wise River on August 6, 2009 at 1515 MST.

A severe thunderstorm dropped baseball size hail and winds in excess of 60 mph near Wise River.

BIG HORN COUNTY MONTANA STATISTICS (FIPS:30003)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

9

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: June 22, 1996 and five previous

Location: 1 mile north to 5 miles north of Hardin at 1335 MST

An F1 tornado caused building and power line damage. The tornado was on the ground for 20 minutes.

Highest wind speed (non-tornadic gust)

100 mph

Location: near Decker at 1750 MST.

Date: July 14, 1992.

The west Decker coal mine was hit by strong downburst winds which destroyed two large conveyer belts, uprooted trees and utility poles, and destroyed two trailers. Winds are estimated.

Largest Hailstone

4.00 inches

Location/time: at Wyola on July 25, 1962 at 1600 MST.

Hailstones to 4 inches in diameter were reported.

BLAINE COUNTY MONTANA STATISTICS (FIPS:30005)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

7

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: July 25, 1924

Location: unknown at 1440 MST

Highest wind speed (non-tornadic gust)

100 mph last of two occurrences

Location: Hogeland.

Date: June 19, 2003 at 1958 MST.

Winds are estimated.

Largest Hailstone

2.75 inches

Location/time: northern Blaine County on July 17, 1962 at 1600 MST.

BROADWATER COUNTY MONTANA STATISTICS (FIPS:30007)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

1

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F0 (up to 73 mph) Latest: June 12, 1992

Location: 3 miles west of Townsend at 1645 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

85 mph

Location: 6 miles southeast of Winston at 0205 MST.

Date: August 2, 2013

Strong winds southeast of Winston. Trees were stripped of leaves due to the wind.

Largest Hailstone

1.75 inches last of two occurrences

Location/time: at Toston on August 6, 2009 at 1708 MST.

CARBON COUNTY MONTANA STATISTICS (FIPS:30009)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

3

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

EF2 (111-135 mph) Latest: Jun 16, 2010

Location: Warren at 1600 MST

The Bowler Flats tornado was on the ground for one mile and lasted five minutes.

The tornado destroyed four transmission structures, damaged a power pole and some fencing. The path was about 75 yards wide.

Highest wind speed (non-tornadic gust)

85 mph

Location: Red Lodge

Date: July 2, 1975 at 1700 MST.

Winds gusts of 85 mph and up to 3 inch hailstones blew over trees, utility lines and damaged some small structures.

Largest Hailstone

4.00 inches

Location/time: somewhere in the county on June 18, 1958 at 1500 MST.

CARTER COUNTY MONTANA STATISTICS (FIPS:30011)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

12

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

EF1 (86-109 mph) Latest: June 12, 2011 and seven previous

Location: 5 miles west of Albion

The tornado was on the ground for 15 minutes, with a path length of 5 miles. The damage width was 100 yards. 50 to 60 trees were snapped off just north of Albion. The tornado also destroyed several grain bins, snapped off 4 power poles and flipped a semi-trailer on its side.

Highest wind speed (non-tornadic gust)

104 mph

Location: 44 miles south of Ekalaka

Date: June 8, 2002 at 2025 MST.

Four cattle shelters destroyed in Ridgeway. 400 gallon propane tank blown over. Cattle shelter blown into creek. Roof damage to houses. Wooden fences blown down.

Largest Hailstone

4.50 inches

Location/time: at Alzada on June 18, 2002 at 1925 MST.

CASCADE COUNTY MONTANA STATISTICS (FIPS:30013)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

18

Deaths: 0; Injuries: 14

Highest rated tornado (F/EF)

F3 (158-206 mph) Latest: June 15, 1924

Location: ? at 1430 MST

Seven injuries

Highest wind speed (non-tornadic gust)

100 mph - estimated

Location: at Neihart at 1430 MST.

Date: July 8, 2002

A severe thunderstorm moved through the Neihart area during the mid-afternoon hours on the 8th. This storm produced golf ball size hail, along with wind gusts estimated up to 100 mph. The strong wind gusts were determined to be from a wet microburst. This microburst caused 6 homes to be severely damaged numerous trees were uprooted in a half-mile stretch, along with downed power lines.

100 mph 9 miles south of Ulm on December 4, 1994. A strong surface low tracking just to the north of the state combined with surface high pressure over the Great Basin and strong winds aloft, brought extremely high winds to the entire state. Wind gusts of 60 to 80 mph were common with higher gusts over the western half. Some of the strongest gusts were: 91 mph near Suffolk, 95 at Big Timber, 99 at Fairfield, 100 just south of Ulm and 110 at Plains. A gust of 76 mph at Missoula set an all time record for the site. There were widespread reports of roof damage, trees and power lines down with many power outages. The roof was blown off a motel in Hungry Horse and on a house in Troy.

Largest Hailstone

3.50 inches

Location/time: Simms on May 30, 1966 at 1600 MST.

CHOUTEAU COUNTY MONTANA STATISTICS (FIPS:30015)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

20

Deaths: 0; Injuries: 7

Highest rated tornado (F/EF)

F3 (158-206 mph) Latest: July 5, 1988 (three on this day)

Location: Three tornados near Big Sandy in the late afternoon. They caused extensive damage to trees, buildings and crops.

Highest wind speed (non-tornadic gust)

100 mph - estimate

Location: Fort Benton at 1930 MST

Date: July 14, 2002

A severe thunderstorm produced 0.25 inch hail and wind gusts estimated to 100 mph as it moved through the city of Fort Benton. Wide spread tree damage occurred. The main power line to all of north-central Montana was blown down.

Largest Hailstone

2.75 inches

Location/time: last of 5 occurrences 2 miles west of Floweree on June 4, 2012 at 1830 MST.

Baseball sized hail, measuring 2.75 inches, was reported 2 miles W of Floweree. Damage to police vehicles was also reported.

CUSTER COUNTY MONTANA STATISTICS (FIPS:30017)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

9

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (73-112 mph) Latest: June 25, 1975 and two previous

Location: 10 to 15 miles southeast of Miles City at 1809 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

105 mph

Location: Miles City at 1758 MST.

Date: July 4, 2000

Largest Hailstone

4.50 inches

Location/time: at on August 26, 1995 at 1815 MST.

A motorist driving on a road 15 miles northwest of Miles city had his windshield broken by hail ranging from golf ball to softballsize.

DANIELS COUNTY MONTANA STATISTICS (FIPS:30019)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

9

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: June 29, 1991 and three previous

Location: 3 miles south of Flaxville at 2127 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

86 mph - estimate

Location: Scobey

Date: August 18, 1988 at 2000 MST.

Trees and power lines were downed.

Largest Hailstone

4.00 inches

Location/time: last of two occurrences 15 miles northwest of Scobey on July 26, 2010 at 1700 MST. Hail 3 to 4 inches in diameter were reported by the public.

The severe weather that included one of the strongest tornadoes in Montana history started in far southern Saskatchewan and moved southeast across the area.

DAWSON COUNTY MONTANA STATISTICS (FIPS:30021)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

15

Deaths: 0; Injuries: 1

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: June 27, 1975 and one previous
Location: 8 miles north of Glendive at 1630 MST. A tornado struck a new farm residence and destroyed the house.
Brief touchdown

Highest wind speed (non-tornadic gust)

104 mph - estimated

Location: 12 miles northwest of Lindsay.

Date: July 20, 2001 at 1820 MST.

The damaging downburst winds that occurred in McCone County continued into Dawson County. Several farms along Highway 200 had significant damage to outbuildings, and well as to equipment. Crops were 100 percent destroyed in a 1 to 5 mile wide swath from 12 miles northwest of Lindsay to the town of Lindsay. A home in Lindsay also had the roof blown off.

Largest Hailstone

4.00 inches

Location/time: last of two occurrences at Glendive on June 20, 1999 at 1730 MST.

DEER LODGE COUNTY MONTANA STATISTICS (FIPS:30023)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

0

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

none

Highest wind speed (non-tornadic gust)

100 mph - estimate

Location: Anaconda

Date: July 19, 1968 at 2130 MST.

This was part of a line of thunderstorms across western Montana. Damage near Anaconda was confined to blow down of trees and outages of power and telephone.

Largest Hailstone

1.75 inches

Location/time: last of two occurrences 8 miles southeast of Anaconda on July 16, 2005 at 1542 MST.

Strong thunderstorms moved through Anaconda, with large hail up to golf ball size reported.

FALLON COUNTY MONTANA STATISTICS (FIPS:30025)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

12

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: July 25, 2001 and two previous

Location: 13 miles north of Baker at 1820 MST

A tornado was on the ground for 2 miles with a path width of 200 yards. It was on the ground for about 15 minutes in open range west of State Highway 7.

Highest wind speed (non-tornadic gust)

86 mph - estimated

Location: 15 miles west of Plevna

Date: July 12, 2006 at 2050 MST

Largest Hailstone

4.00 inches

Location/time: over portions of Fallon County on July 11, 1981 at 1400 MST.

A hailstorm 3 miles wide and 15 miles long caused 40 to 90 percent crop damage.

Hail was as large as grapefruits.

FERGUS COUNTY MONTANA STATISTICS (FIPS:30027)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

32

Deaths: 0; Injuries: 6

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: July 8, 2002 and seven previous
Location: near Hilger at 1530 MST. A severe thunderstorm produced up to two inch hail from Brooks to Roy, with gusts to 70 mph. When the storm was just north of Brooks, a tornado developed. It was on the ground for about 10 miles, with a path width of 200 yards. It remained over rural areas, but did high three residences, causing damage to houses and several barns. A few mobile homes were also damaged and one grain elevator near Moulton was destroyed.

Highest wind speed (non-tornadic gust)

100 mph - estimated

Location: Danvers

Date: June 5, 2012 at 1830 MST.

Strong straight-line winds caused major damage to trees, hay bales and irrigation equipment as thunderstorms with tornadoes raked the area.

110 mph near Garneill on an unknown date and time.

Largest Hailstone

4.50 inches

Location/time: 3 miles south of Winifred on June 26, 1996 at 1745 MST.

Softball sized hail was reported between Suffolk and Winifred

FLATHEAD COUNTY MONTANA STATISTICS (FIPS:30029)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

4

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

EF0 (up to 73 mph) Latest: November 4, 2013 and three previous
Location: 6 miles south of Bigfork. A waterspout was seen over Flathead Lake at
0742 MST. It appeared that there could have been multiple vortices in this cold-
core system. The waterspout remained over the lake. No damage was reported.
This is likely the latest-in-the-season reported tornado in Montana.
Brief touchdown

Highest wind speed (non-tornadic gust)

95 mph

Location: unknown

Date: September 11, 1958 at 1955 MST

135 mph at Snow Slip on December 15, 2006.

Largest Hailstone

2.75 inches

Location/time: 6 miles south of Polebridge on July 2, 1996 at 1915 MST

GALLATIN COUNTY MONTANA STATISTICS (FIPS:30031)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

6

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: June 15, 1960 and two previous

Location: northwest of Bozeman at 1035 MST. The storm path was from west-northwest to east-southeast. It withdrew before reaching Bozeman proper. There was some damage to homes and trees over the 1.25 mile path. The width was 17 yards.

Highest wind speed (non-tornadic gust)

104 mph - measured

Location: West Yellowstone

Date: June 27, 1970 at 1630 MST

A line of very strong thunderstorms spread across the area. Wind gusts reached 104 mph unofficially at an airline office at the West Yellowstone airport. Heavy damage occurred to trees near West Yellowstone. About ¼ of all trees in West Yellowstone were uprooted. Property damage in West Yellowstone was placed at between a quarter and half million dollars.

Largest Hailstone

2.75 inches

Location/time: 4 miles east-southeast of Belgrade on June 30, 2010 at 1415 MST. A thunderstorm dropped 2.75 inch diameter hail at Belgrade 4ESE. Hail damage was particularly severe in Bozeman. Montana State University reported up to 1000 windows damaged on campus with a repair estimate in excess of \$100,000. The city of Bozeman also reported cleaning up nearly 5 tons of debris consisting of trees and tree limbs. State Farm representatives estimate that Gallatin Valley residents will submit a total of \$60 million in claims resulting from the storm.

GARFIELD COUNTY MONTANA STATISTICS (FIPS:30033)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

12

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: July 5, 1936

Location: ?? at 1800 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

90 mph - measured

Location: 33 miles northwest of Jordan at the South Sawmill Creek RAWS.

Date: July 8, 2002 at 1740 MST

Largest Hailstone

3.00 inches

Location/time: last of two occurrences with the latest 4 miles north of Van Norman on July 8, 2013 at 1500 MST.

GLACIER COUNTY MONTANA STATISTICS (FIPS:30035)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

5

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: June 13, 2006 and four previous

Location: 15 miles west of Cut Bank at 1943 MST.

Severe thunderstorms spawned a tornado near Cut Bank, which was on the ground for 10 miles. It had a path width of 100 yards. Even though mainly remaining over rural areas, it did cause structural damage to corrals, barns and out buildings. A small trailer home was also destroyed.

Highest wind speed (non-tornadic gust)

79 mph

Location: Browning

Date: July 14, 2002 at midnight

A severe thunderstorm produced a wind gust between 70 and 80 mph near Browning. Numerous tepees and trailers were over turned at the camp ground.

133 mph at Logan Pass on December 13, 2006.

Largest Hailstone

1.75 inches

Location/time: last of 4 occurrences in Browning on June 18, 2013 at 1605 MST.

GOLDEN VALLEY COUNTY MONTANA STATISTICS (FIPS:30037)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

0

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

none

Highest wind speed (non-tornadic gust)

70 mph – last of three occurrences

Location: at Ryegate

Date: May 13, 2007 at 1600 MST

Largest Hailstone

2.75 inches

Location/time: last of three occurrences 6 miles west of Lavina on June 13, 2006
at 2320 MST.

GRANITE COUNTY MONTANA STATISTICS (FIPS:30039)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

2

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F0 (73-112 mph) Latest: August 11, 1988 and one previous
Location: near Hall at 1800 MST. Trees and a shed were destroyed. The tornado was on the ground for two miles with a path width of 25 yards.

Highest wind speed (non-tornadic gust)

69 mph

Location: 18 miles west of Philipsburg

Date: September 15, 1997 at 1000 MST

Thunderstorm winds caused 8 acres of rooted and snapped trees, and 300 trees down, at mile post 29 of forest road #29.

Largest Hailstone

1.75 inches

Location/time: 14 miles south of Philipsburg near Georgetown Lake on July 4, 2008 at 1830 MST.

HILL COUNTY MONTANA STATISTICS (FIPS:30041)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

3

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F0 (73-112 mph) Latest: August 3, 1992 and two previous

Location: 26 miles north of Inverness at 1930 MST.

A tornado briefly touched down north of Inverness. Hail and strong winds accompanied the storm.

Highest wind speed (non-tornadic gust)

140 mph - estimated

Location: the old Loran base north of Havre

Date: July 30, 1957 at 1600 MST.

Largest Hailstone

2.75 inches

Location/time: at the Port of Wildhorse on August 3, 1992 at 1715 MST.

Crops damaged and windows were knocked out of homes and vehicles.

JEFFERSON COUNTY MONTANA STATISTICS (FIPS:30043)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

none

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

none

Highest wind speed (non-tornadic gust)

100 mph - estimated

Location: 2 miles southwest of Boulder

Date: May 10, 2007

Sixty to eighty evergreen trees uprooted or snapped off in a canyon along the little Boulder River. Damage pattern consistent with straight line winds due to a microburst funneling through the canyon...with a path length of 0.5 miles and width of about 300 yards. Damaged rated as EF1 consistent with 100 mph winds.

Largest Hailstone

2.00 inches

Location/time: last of three occurrences with the last at Clancy on June 25, 1996 at 1725 MST.

JUDITH BASIN COUNTY MONTANA STATISTICS (FIPS:30045)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

17

Deaths: 0; Injuries: 1

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: April 24, 1994 and three previous

Location: 1.5 miles southwest of Stanford at 1630 MST.

The Bill Skelton ranch was hit by two tornados, causing extensive damage. A barn roof of 8 to 12 inch planks was carried away. A 24-foot horse trailer was picked up and carried 65 yards landing on its top and hit and damaged a tractor along the way. A 1.5 ton truck was tipped over. A mobile home was lifted and a large fuel tank deposited beneath it. The two tornadoes had a path length of 1 and 1.5 miles, with widths from 100 to 300 yards.

Highest wind speed (non-tornadic gust)

90 mph - measured

Location: Hobson

Date: June 4, 2012 at 1800 MST

Strong winds, and hail caused significant damage to trees and homes.

Largest Hailstone

4.00 inches

Location/time: at Raynesford on August 5, 2002 at 1657 MST

LAKE COUNTY MONTANA STATISTICS (FIPS:30047)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

3

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F0 (73-112 mph) Latest: September 1, 2011 and two previous
Location: 8 miles northeast of Polson at 1155 MST over Flathead Lake.
A waterspout developed over Skidoo Bay and remained over the water. No
damage was reported in this tornado that was on the surface for $\frac{3}{4}$ mile with a
width of 3 yards.

Highest wind speed (non-tornadic gust)

90 mph - estimated

Location: 4 miles west-northwest of Pablo

Date: July 18, 2007

National Weather Service storm survey crew saw numerous trees and several
power poles down along the storm's track. Two structures received roof damage.
The damage observed was indicative of straight line winds. A flag pole was bent
in half southwest of Polson. Based upon the damage observed, winds were
estimated to be between 80 to 100 mph.

Largest Hailstone

2.00 inches

Location/time: 8 miles east-southeast of Rollins on July 25, 2011 at 2130 MST.

LEWIS AND CLARK COUNTY MONTANA STATISTICS (FIPS:30049)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

7

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: July 14, 1946

Location: ?? at 1715 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

81 mph – last of two occurrences (estimated)

Location: Helena

Date: July 13, 2000

A roof was torn off a mobile home.

90 mph winds at Augusta on December 3, 1989.

Largest Hailstone

3.50 inches

Location/time: Bowmans Corner on May 30, 1966 at 1600 MST.

LIBERTY COUNTY MONTANA STATISTICS (FIPS:30051)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

4

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: May 10, 1977 (one more on this date)

Location: Tornadoes damaged farm buildings, power lines and farm equipment near Joplin at 2000 MST.

Brief touchdown

Highest wind speed (non-tornadic gust)

86 mph - measured

Location: Lothair

Date: June 17, 2005 at 1530 MST.

Largest Hailstone

3.00 inches

Location/time: on August 10, 1957 at 1700 MST

LINCOLN COUNTY MONTANA STATISTICS (FIPS:30053)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

none

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

None

Highest wind speed (non-tornadic gust)

90 mph

Location: over portions of the county

Date: April 30, 1987 at 1700 MST

Thunderstorm winds caused damage to home, boats and mobile homes, and blew down trees and power lines.

Largest Hailstone

3.00 inches

Location/time: in the Gateway area on August 11, 1968 at 1230 MST.

This area, just south of the Canadian border, received up to 3 inch hailstones. One building received some damage.

MCCONE COUNTY MONTANA STATISTICS (FIPS:30055)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

9

Deaths: 1; Injuries: 1

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: July 11, 1995 and one previous
Location: 12 miles southwest of Brockway. Path ½ mile long and 80 yards wide.
A tornado damaged a farmstead. It lifted a house and set it back on its foundation.
Several out buildings were destroyed. A grain semi parked in front of the house
was overturned. Several pick-up trucks parked at the farm were also overturned.

Highest wind speed (non-tornadic gust)

122 mph - measured

Location: Circle

Date: July 13, 1995

Largest Hailstone

4.50 inches

Location/time: last of three occurrence with the last 32 miles west of Vida on
July 20, 2001 at 1700 MST.

A large supercell formed in Southwestern Phillips County and headed east across southern Valley County. The storm produced a tornado that crossed from Phillips County into Valley County. The tornado dissipated as the storm moved east, but golfball size hail was reported for 20 minutes at The Pines Recreation Area. The storm crossed over the east side of Ft. Peck Lake and formed another tornado near the Rock Creek Recreation area. The tornado then crossed Highway 24, in McCone County. Four inch diameter hail was reported with this storm at the time of the tornado. The tornado continued in a southeast path towards the town of Circle. The last known location of the tornado before it dissipated was 22 miles northwest of Circle. Downburst winds and golfball size hail then became the more significant threat from this storm. The hail and high winds caused a large area of 100 percent crop damage from 10 miles north and northwest of Circle to Lindsay. The damage swath was 1 to 5 miles wide. Other large hail and high wind reports were received from the Richey and Bloomfield areas in northwestern Dawson County as well. 25 large steel electrical towers were blown over in the area between Circle and Richey, and 25 wooden electrical poles were snapped also. The storm continued southeast toward Glendive and then followed Interstate 94 into North Dakota. No more substantial damage was reported once the storm passed through the Lindsay area. A few smaller tornados were reported by law enforcement officials northwest and north of the Glendive area, but they did not cause any damage and were short lived.

MADISON COUNTY MONTANA STATISTICS (FIPS:30057)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

2

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F0 (73-112 mph) Latest: June 29, 1999 and one previous
Location: 1 mile southwest of Big Sky Ennis airport at 1200 MST.
Brief touchdown

Highest wind speed (non-tornadic gust)

90 mph

Location: 2 miles southeast of Twin Bridges

Date: August 1, 2013 at 1455 MST

A severe thunderstorm produced a wind gust to 90 mph near Twin Bridges.
Substantial damage was done in Twin Bridges to homes, trees, power lines, etc.

Largest Hailstone

1.75 inches

Location/time: last of two occurrences with the last at Sheridan on July 22, 2008
at 1530 MST

A severe thunderstorm dropped 1.75 inch diameter hail at Sheridan. Hail broke
nearly every window on the south and west facing sides of the Sheridan high
school and elementary school. Many homes suffered substantial hail damage as
did vehicles and crops.

MEAGHER COUNTY MONTANA STATISTICS (FIPS:30059)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

7

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F3 (158-206 mph) Latest: July 10, 1923

Location: ?? at 1530 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

75 mph - estimated

Location: White Sulphur Springs

Date: July 14, 2002 at 1735 MST

A severe thunderstorm produced a 75 mph wind gust at White Sulphur Springs.

Largest Hailstone

2.50 inches

Location/time: 8 miles east of Lingshire on June 24, 2007 at 1935 MST.

A severe thunderstorm dropped 2.50 inch diameter hail at Millegan 14SSE.

MINERAL COUNTY MONTANA STATISTICS (FIPS:30061)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

1

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: June 10, 1923

Location: ??

Brief touchdown

Highest wind speed (non-tornadic gust)

87 mph - estimated

Location: over county location unknown.

Date: April 30, 1987 at 1700 MST

Thunderstorms over western Montana caused estimated winds of 80 to 100 mph in all areas. This caused damage to homes, boats and mobile homes and blew down trees and power lines.

Largest Hailstone

2.00 inches

Location/time: at Alberton on July 28, 1970 at 1500 MST

Hail larger than golf balls caused minor damage in east Alberton.

MISSOULA COUNTY MONTANA STATISTICS (FIPS:30063)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

2

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F0 (73-112 mph) Latest: August 7, 1995 and one previous

Location: just east of Condon at 1400 MST.

Brief touchdown

Highest wind speed (non-tornadic gust)

92 mph - estimated

Location: 1 mile southeast of Missoula

Date: April 26, 2012 at 1505 MST

The broadcast media reported a tree limb fell and crushed an outbuilding in the Orchard homes development at 315pm.

Largest Hailstone

2.50 inches

Location/time: last of three occurrences with the last at Missoula on July 3, 1998 at 1507 MST.

A thunderstorm caused a 59 mph wind gust, recorded at the Missoula airport at 307 pm MST, and many reports of large hail were received, the largest being tennis ball sized in the Target Range area at 315 pm. Many trees were blown down, homes had extensive roofing damage, and vehicles had damage from the hail. Nine-tenths of an inch of rain was recorded at the airport in 20 minutes, causing flooding of low lying areas.

MUSSELSHELL COUNTY MONTANA STATISTICS (FIPS:30065)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

6

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: May 4, 1986

Location: 20 miles south of Musselshell.

Brief touchdown of a tornado, but caused extensive damage to a home.

Highest wind speed (non-tornadic gust)

92 mph - estimated

Location: 10 miles southeast of Roundup

Date: July 2, 2001 at 1820 MST

Estimated wind gust with trees down in the Bull Mountains.

Largest Hailstone

4.50 inches

Location/time: 10 miles south-southeast of Roundup on June 26, 1996 at 2010 MST

Softball sized hail fell and broke many windows. Damage costs unknown.

PARK COUNTY MONTANA STATISTICS (FIPS:30067)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

2

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

EF2 (111-135 mph) Latest: July 2, 2010

Location: 14 miles northeast of Wilsall at 1445 MST

A tornado with a path of 2 miles and width of 150 yards was associated with a microburst in the foothills of the Crazy Mountains. Thousands of trees were damaged, including large trees uprooted or snapped off at their bases. Trees as large as three and four feet in diameter were affected.

Highest wind speed (non-tornadic gust)

100 mph - estimate

Location: Livingston

Date: July 6, 1983 at 1745 MST

Winds estimated at 100 mph caused extensive damage in the Livingston area, to buildings, power lines and trees.

115 mph at Livingston on November 20, 1962.

Largest Hailstone

1.75 inches

Location/time: 7 miles northwest of Hunters Hot Springs on June 30, 2010 at 1540 MST

PETROLEUM COUNTY MONTANA STATISTICS (FIPS:30069)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

8

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: August 7, 1962

Location: at Dovetail at 2000 MST.

Brief touchdown of a tornado with a path length of 2 miles and 21 yards wide ripped a roof of one building, but did not injure the occupants.

Highest wind speed (non-tornadic gust)

90 mph

Location: Winnett

Date: July 24, 1999 at 1425 MST

Up to \$20,000 in property damage

Largest Hailstone

3.50 inches

Location/time: last of two occurrences with the last occurring at Flatwillow on July 9, 2000 at 1507 MST.

PHILLIPS COUNTY MONTANA STATISTICS (FIPS:30071)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

15

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

EF1 (86-110 mph) Latest: June 29, 2011 and five previous
Location: A tornado over central Phillips county at 1809 MST.
Brief touchdown with a path length of $\frac{3}{4}$ mile and 25 yards wide produced significant damage to a farm. The storm stripped trees bare and garages were extensively damaged. A 1000 gallon full fuel tank was blown off its stand. The houses received damage from hail and the highwinds.

Highest wind speed (non-tornadic gust)

87 mph - measured

Location: Malta

Date: June 22, 2005 two occurrences on this date at 1950 MST.

Wind gusts of up to 87 mph downed several trees in Malta and caused some damage to fences and to a horse trailer. A tree branch fell against one house tearing the power leads loose and cutting electricity to a couple of homes.

Largest Hailstone

3.00 inches

Location/time: 10 miles east of Malta on June 25, 2005 at 1407 MST

Significant car damage with the back window of a vehicle smashed out.

PONDERA COUNTY MONTANA STATISTICS (FIPS:30073)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

none

Highest rated tornado (F/EF)

None

Highest wind speed (non-tornadic gust)

92 mph

Location: 5 miles east of Valier

Date: June 6, 1994 at 1630 MST

Several severe thunderstorms moved northeast across Pondera, Glacier and Toole Counties. Two major electric transmission lines were knocked down by either a tornado or strong downburst winds. One line was south of Cut Bank and another east of town. Power was out for over 24 hours. Several out buildings were knocked down and widespread damage was done to crops.

133 mph at Heart Butte on January 30, 1997. Significant damage to buildings, windows blown out.

Largest Hailstone

4.50 inches

Location/time: at Brady on August 13, 1991 at 1628 MST

Many windows were broken and a lot of crop damage occurred because of the large hail.

POWDER RIVER COUNTY MONTANA STATISTICS (FIPS:30075)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

18

Deaths: 0; Injuries: 1

Highest rated tornado (F/EF)

EF2 (111-135 mph) Latest: June 21, 2010 and three previous

Location: 9 miles southwest of Broadus airport.

A tornado with a path of ½ mile and 100 yards wide was on the ground for 10 minutes. The Cache Creek Tornado produced damage to a house roof and front porch, with broken windows. It also shifted the house off its foundation.

Highest wind speed (non-tornadic gust)

100 mph - estimated

Location: 5 miles east of Broadus

Date: June 28, 1996 at 1630 MST

Winds 80 to 100 mph uprooted a cottonwood tree 6 feet in diameter. Considerable damage occurred to farm properties in the area. Damage costs unknown.

Largest Hailstone

5.0 inches

Location/time: Coalwood – Olive area on June 3, 1971 at 1805 MST.

Hail up to five inches in diameter, but averaging 1-2 inches.

POWELL COUNTY MONTANA STATISTICS (FIPS:30077)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

2

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: June 28, 1982

Location: 3 miles east of Deer Lodge at 1630 MST.

Brief touchdown of a tornado with a short path length, but was 600 yards wide. It was along Cottonwood Creek and blew over trees and damaged several out buildings.

Highest wind speed (non-tornadic gust)

69 mph - estimated

Location: Garrison

Date: June 4, 2006 at 1600 MST

Power poles were reported down by strong winds near Garrison

Largest Hailstone

2.0 inches

Location/time: unknown location June 29, 1982 at 1730 MST.

This was the same time and possibly the same storm that produced 2.5 to 3 inch hail in Helena and East Helena which caused \$30 million damage to cars, boats and RVs.

PRAIRIE COUNTY MONTANA STATISTICS (FIPS:30079)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

2

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

EF1 (86-110 mph) Latest: May 20, 2011 and one previous

Location: 8 miles south of Terry at 1927 MST.

Brief touchdown struck a ranch 8 miles south of Terry. The tornado had a width of 66 yards. The owner of a house on a ranch observed damage 150 feet from their house, with major damage to four out buildings on the ranch.

Highest wind speed (non-tornadic gust)

95 mph - measured

Location: Fallon

Date: June 14, 2006 at 1645 MST

The gust was accompanied by sustained winds of 54 mph.

Largest Hailstone

4.50 inches

Location/time: near Fallon on July 3, 1969 at 1800 MST.

Thunderstorms produced hailstone of four to five inches near Fallon. Most other reports were of golf ball size or smaller. Major property damage occurred in Terry, and a number of rural buildings were damaged or destroyed.

RAVALLI COUNTY MONTANA STATISTICS (FIPS:30081)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

3

Deaths: 0; Injuries: 1

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: June 23, 1975

Location: Tepee Creek area at 1330 MST.

Brief touchdown of a tornado caused a blowdown of 15 acres (200,000 to 300,000 board feet) in the Tepee Creek area.

Highest wind speed (non-tornadic gust)

70 mph - estimated

Location: Stevensville

Date: August 5, 2007 at 1800 MST

A severe thunderstorm moved across the Burnt Fork area near Stevensville during the evening hours and blew the roof off of a building.

Largest Hailstone

2.75 inches

Location/time: from Darby to Victor on June 28, 1988 at 1330 MST.

Damage was done to crops and trees.

RICHLAND COUNTY MONTANA STATISTICS (FIPS:30083)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

14

Deaths: 0; Injuries: 10

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: June 26, 1975 and two previous

Location: 8 miles northwest of Fairview at 1945 MST

Brief touchdown struck a farm residence. Two double wide trailers were damaged.

Highest wind speed (non-tornadic gust)

115 mph - estimated

Location: 5 miles northwest of Enid

Date: July 29, 1995 at 2130 MST

A thunderstorm downburst toppled a trailer house, tore doors off a quonset hut, blew a fuel tank 300 feet into a tractor and blew a feeder into a grain bin. There was major damage to a garage.

Largest Hailstone

2.50 inches

Location/time: 14 miles south-southeast of Sidney on July 16, 2005.

ROOSEVELT COUNTY MONTANA STATISTICS (FIPS:30085)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

19

Deaths: 1; Injuries: 13

Highest rated tornado (F/EF)

F3 (158-206 mph) Latest: June 7, 1946

Location: ?? at 1400 MST

Brief touchdown

Highest wind speed (non-tornadic gust)

113 mph - estimated

Location: Brockton

Date: July 13, 2005 at 1915 MST.

A severe bow echo raced from west to east across Roosevelt County and caused extensive damage from Poplar to Culbertson between 8 and 9 pm. The National Weather Service performed a storm survey of the damage the following day. As the storm moved through Poplar two hangers were blown off at the airport. As the storm proceeded east through Brockton 9 cars of a freight train were blown off the tracks approximately 1 mile east of town. The wind was estimated at 113 mph based off of the Fujita damage scale. There was significant damage to the grain elevator in Brockton which lost the top several feet of the structure, and was slightly shifted off of its base. The entire elevator will be rebuilt. At least 25 homes and businesses in Brockton suffered roof and siding damage. At least 9 large grain bins north of town were blown across the highway and destroyed. Nearly every tree that were over 25 feet tall between Poplar and Brockton was damaged, and all homes had some sort of damage, mainly to roofing shingles. Some intermittent crop damage was observed. A grain bin was blown into the grain elevator in Sprole. Several homes in the Fort Kipp and Brockton area had significant roof damage, with it the plywood being blown off. Many other homes had shingle damage. It is estimated that this storm caused between 4 and 5 million dollars of damage across Roosevelt County.

Largest Hailstone

3.0 inches

Location/time: Last occurrence 2 miles north-northeast of Froid on August 1, 2010 at 1310 MST. The hail was mixed with 60 mph winds and dented a camper.

ROSEBUD COUNTY MONTANA STATISTICS (FIPS:30087)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

13

Deaths: 0; Injuries: 3

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: June 14, 1980 and two previous

Location: near Forsyth at 1830 MST.

Brief touchdown destroyed some trees.

Highest wind speed (non-tornadic gust)

104 mph - estimated

Location: Hathaway

Date: July 8, 2002 at 1930 MST.

Mile marker signs and satellite dish blown over.

Largest Hailstone

5.0 inches

Location/time: near Melstone in Rosebud County at 1900 MST on July 11, 1965.

Three separate storms affected this area. during the afternoon. Windows on west sides of buildings were broken. Some hogs and sheep were killed by hail.

SANDERS COUNTY MONTANA STATISTICS (FIPS:30089)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

1

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: July 9, 1978

Location: 3 miles west of Thompson Falls at 1800 MST.

Brief touchdown uprooted and twisted off tops of trees.

Highest wind speed (non-tornadic gust)

90 mph - estimated

Location: over portions of the county.

Date: April 30, 1987 at 1700 MST

Thunderstorm winds caused damage to home, boats and mobile homes, and blew down trees and power lines.

110 mph at Plains on December 4, 1994. A strong surface low tracking just to the north of the state combined with surface high pressure over the Great Basin and strong winds aloft, brought extremely high winds to the entire state. Wind gusts of 60 to 80 mph were common with higher gusts over the western half. Some of the strongest gusts were: 91 mph near Suffolk, 95 at Big Timber, 99 at Fairfield, 100 just south of Ulm and 110 at Plains. A gust of 76 mph at Missoula set an all time record for the site. There were widespread reports of roof damage, trees and power lines down with many power outages. The roof was blown off a motel in Hungry Horse and on a house in Troy.

Largest Hailstone

1.75 inches

Location/time: Latest of several occurrences 3 miles east of Belknap on August 16, 2006 at 1600 MST.

Thunderstorms brought hail to portions of western Montana with hail as large as golf balls.

SHERIDAN COUNTY MONTANA STATISTICS (FIPS:30091)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

9

Deaths: 2; Injuries: 8

Highest rated tornado (F/EF)

EF3 (136-165 mph) Latest: July 19, 1997 and seven previous

Location: 12 miles south of Redstone at 1800 MST.

A strong tornado with a length of 18 miles and width of 880 yards touched down 11 miles south of Redstone and lifted 7 miles west-northwest of Medicine Lake. Power lines were snapped off, bridge planks ripped up, and a farmhouse blown off its foundation. The Smith Ranch was then affected with major damage to their ranch. Fourty cows and calves had to be put down due to severe injuries.

Highest wind speed (non-tornadic gust)

107 mph - measured

Location: McCabe

Date: July 13, 2005 at 2001 MST

A severe bow echo raced from west to east across Roosevelt County and caused extensive damage from Poplar to Culbertson between 8 and 9 pm. As the storm continued east into the town of Culbertson it produced significant damage throughout the town. Nearly every tree in town had either significant damage or was destroyed, including many trees that had been in town since it was established. There were many homes with shingle damage or siding peeled off. One home had an entire roof loss and the garage was destroyed. 65 to 70 percent of the roads were blocked with debris after the storm passed. At the school in town the scoreboard and public address systems were destroyed, and the fence was completely flattened. As the storm moved through the town of Froid there was significant tree damage and some grain bins were blown over. There was significant crop damage with crops blown down. The grain elevator in Froid had some metal siding peeled off, and it also shifted slightly. There was a 107 mph measured wind gust 6 miles to the east-northeast of Froid.

Largest Hailstone

3.00 inches

Location/time: Latest of two occurrences on the Medicine Lake National Wildlife Refuge at on July 2, 1971 at 1705 MST.

A large tornado accompanied by 3 inch hail moved through the Wildlife Refuge for 20 minutes. The tornado remained over the lake for the most part, touching land only briefly. The large hail damaged grain crops on neighboring private land.

SILVER BOW COUNTY MONTANA STATISTICS (FIPS:30093)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

1

Deaths: 0; Injuries: 6

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: May 15, 1883

Location: near Butte.

Brief touchdown caused a tree to be blown over, injuring people beneath it.

Highest wind speed (non-tornadic gust)

75 mph

Location: Butte

Date: May 10, 1989 at 1035 MST

Largest Hailstone

2.50 inches

Location/time: 3 miles south of Rocker on August 6, 2009 at 1400 MST.

Strong thunderstorms moved through the Butte area with flash flooding in Butte, up to an inch of rain in 30 to 45 minutes. Hail up to the size of baseballs and winds estimated to 70 mph were also observed.

STILLWATER COUNTY MONTANA STATISTICS (FIPS:30095)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

1

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F0 (73-112 mph) Latest: August 11, 2005

Location: 6 miles west of Molt at 1927 MST.

Tornado path of 7 miles and 50 yards wide. No damage reported.

Highest wind speed (non-tornadic gust)

81 mph - estimated

Location: 1 mile southeast of Park City

Date: July 12, 2006 at 1725 MST

12 inch diameter live tree branch broken and fell onto house damaging shingles.

105 mph at Nye on an unknown date.

Largest Hailstone

2.00 inches

Location/time: Last of three occurrences occurred near Columbus on June 6, 2011 at 1840 MST.

SWEET GRASS COUNTY MONTANA STATISTICS (FIPS:30097)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

2

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) August 22, 1965

Location: 15 miles south of Big Timber at 1300 MST.

Tornado path of 1.5 miles and 10 yards wide. Some trees were uprooted, but otherwise no damage reported.

Highest wind speed (non-tornadic gust)

86 mph - estimated

Location: Big Timber

Date: July 9, 1994 at 1645 MST

Many trees and power lines down north, east and south of Big Timber.

Measured 95 mph at Big Timber on December 4, 1994. A strong surface low tracking just to the north of the state combined with surface high pressure over the Great Basin and strong winds aloft, brought extremely high winds to the entire state. Wind gusts of 60 to 80 mph were common with higher gusts over the western half. Some of the strongest gusts were: 91 mph near Suffolk, 95 at Big Timber, 99 at Fairfield, 100 just south of Ulm and 110 at Plains. A gust of 76 mph at Missoula set an all time record for the site. There were widespread reports of roof damage, trees and power lines down with many power outages. The roof was blown off a motel in Hungry Horse and on a house in Troy.

Largest Hailstone

2.50 inches

Location/time: Melville on June 13, 2013 at 1635 MST.

TETON COUNTY MONTANA STATISTICS (FIPS:30099)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

6

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (113-157 mph) Latest: July 2, 1966

Location: 2 miles southeast of Choteau at 1630 MST.

A tornado with a path of 1.25 miles and 50 yards wide followed the Teton River bottom. Several trees were twisted off.

Highest wind speed (non-tornadic gust)

97 mph - measured

Location: Choteau

Date: June 21, 1993 at 1426 MST

143 mph at Miller Colony on February 21, 2002. A high wind event occurred over all of North Central Montana and a portion of Southwest Montana, which began on the afternoon of the 21st and ended on the afternoon of the 22nd. Some of the strongest winds of the winter season were recorded during this event. Sustained winds of 45 to 65 mph were common across much of North Central Montana, with gusts between 60 and 80 mph. However, locations near the Rocky Mountain Front had wind gusts in excess of 100 mph. This high wind event caused scattered power outages throughout much of North Central Montana. One power line that was blown down 15 miles Southwest of Choteau sparked a grass fire. This fire was fanned by the wind, and burned 6000 acres. One farm and homestead were lost in the blaze. A few vehicles were blown off Interstate 15, while other vehicles had windshields cracked as stones were blown into them while driving. Many locations reported visibilities near zero at times, due to blowing dust over the plains and blowing snow over the mountains. Here is a list of some of the top wind speeds recorded during this event. On February 21st: Cut Bank 70 mph at 2046 MST; 4 W Augusta 75 mph at 2225 MST; Fort Shaw 80 mph at 2230 MST; Browning 81 mph at 2255 MST; 18 W Pendroy estimated 100 mph at 2310 MST. On February 22nd 27 W Choteau 115 mph at 0040 MST; Silver City 73 mph at 0606 MST; 6 N Big Sandy estimated 85 mph at 0900 MST; 4 E Hobson estimated 70 mph at 1230 MST.

Largest Hailstone

3.00 inches

Location/time: near Conrad on July 27, 1958 at 2000 MST.

TOOLE COUNTY MONTANA STATISTICS (FIPS:30101)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

7

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F2 (73-112 mph) Latest: May 7, 1982

Location: two near Sunburst at 1700 MST.

Brief touchdown

Highest wind speed (non-tornadic gust)

124 mph

Location: 20 miles north of Shelby

Date: June 15, 1995 at 1850 MST

A wind gust to 124 mph was recorded at the Hillside Hutterite Colony. The winds toppled an empty grain bin. The exact time and location have been estimated based on radar data.

Largest Hailstone

2.75 inches

Location/time: northern Toole County on August 6, 1967 at 1700 MST.

Storms which formed over St Mary spread eastward to north of Chester. Two storms moved across the area, with the greatest damage from a storm over northern Toole County. Average size of hailstones was 3/8 inch, with the largest baseball size.

TREASURE COUNTY MONTANA STATISTICS (FIPS:30103)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

3

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: July 6, 1955

Location: ?? at 1730 MST.

Brief touchdown

Highest wind speed (non-tornadic gust)

80 mph - estimated

Location: 10 miles south-southeast of Bighorn.

Date: July 26, 2008 at 2215 MST

An estimated wind gust of 80 mph was reported ten miles south/southeast of Bighorn. Shingles and parts of corrals were reported missing.

Largest Hailstone

2.75 inches

Location/time: Latest of five occurrences was 33 miles north-northwest of Kuehn on July 1, 2010 at 1915 MST.

Hail lasted 12 minutes and ranged from pea to baseball size, resulting in a lot of tree damage.

VALLEY COUNTY MONTANA STATISTICS (FIPS:30105)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

40

Deaths: 0; Injuries: 1

Highest rated tornado (F/EF)

F2 (1173-112 mph) Latest: June 25, 1975 and four previous
Location: Two tornadoes 25 miles northwest of Glasgow at 1655 MST, 13 miles north of Frazer at 1705 MST.

The second tornado struck a ranch near Frazer. Its path width was 300 yards.

Highest wind speed (non-tornadic gust)

120 mph - estimated

Location: 12 miles north of Nashua

Date: August 6, 2010 at 2020 MST

A macroburst occurred where damage consisted of one doublewide manufactured home with the roof blown off, one empty storage building blown apart, and about 3 miles of downed power lines (approximately 44 poles all together) starting near mile marker 10 north of Nashua on the Nashua Road (State Highway 438). The power poles were snapped cleanly, mostly at ground level. As the poles were around 10 years old and relatively strong looking, and there were 3 miles of snapped poles, the NWS officials estimated the winds to be around 120 mph. The house and storage building had less wind, since nearby poles were not snapped at those locations. This also was the origination point to where a combined swath of hail and wind damaged 70 to 100 percent of the crops east southeast to the Roosevelt County border. This storm continued into extreme southwest Roosevelt County.

According to the USDA Hazard Risk Assessment indemnity figures, approximately \$750,000 worth of crop damage occurred with this storm (as of October 12, 2010).

Largest Hailstone

4.50 inches

Location/time: 15 miles west of Glasgow on July 21, 1999 at 1850 MST.

Damage of \$1.5 million to property and \$100,000 to crops.

WHEATLAND COUNTY MONTANA STATISTICS (FIPS:30107)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

6

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: August 22, 1978 and one previous

Location: near Two Dot at 1710 MST.

Brief touchdown

Highest wind speed (non-tornadic gust)

81 mph - estimated

Location: 1 mile south of Two Dot

Date: July 6, 2009 at 1645 MST

Four 8-10 inch diameter tree branched were snapped off.

Largest Hailstone

2.75 inches

Location/time: 12 miles south of Two Dot on July 8, 2013 at 1400 MST.

A supercell thunderstorm produced large hail across Wheatland County.

WIBAUX COUNTY MONTANA STATISTICS (FIPS:30109)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

7

Deaths: 0; Injuries: 0

Highest rated tornado (F/EF)

F1 (73-112 mph) Latest: May 24, 1953 and one previous

Location: ?? at 1700 MST.

Brief touchdown

Highest wind speed (non-tornadic gust)

85 mph

Location: 16 miles south of Wibaux

Date: July 11, 2004 at 1805 MST

There were numerous reports of wind gusts of 60 to 85 mph and hail in excess of 2 inches in diameter. The most significant hail reports were as high as 4.25 inches in diameter in the Frenchman Valley area, and the wind gusts measured as high as 85 mph south of the town of Wibaux. There was significant straight line wind damage to structures from Savage in southern Richland County southward to St. Phillips in Wibaux County.

Largest Hailstone

2.50 inches

Location/time: Last of three occurrences on September 9, 2010 at 1829 MST.

At 1829 MST in Wibaux 1.0 hail with a 60 mph wind. At 1830 MST in Wibaux 1.5 hail destroyed a garden and basement screen door; 1.5 hail also was reported by an Emergency Manager along with a 30 to 40 mph wind and 0.55 inches of rainfall in a short period of time. At 1832 MST 2 miles northeast of Wibaux 1.75 to 2.5 hail reported between 1832 and 1839 MST - damaging all of the home's windows on the west side and vehicle windshields - wind was estimated at 60 to 70 mph which also broke 3 to 4 inch tree limbs. At 1835 MST 6 miles east northeast of Wibaux a 60 mph wind along with 1.0 hail fell.

YELLOWSTONE COUNTY MONTANA STATISTICS (FIPS:30111)

January 1, 1950 through December 31, 2013 (some data from 1883-1949)

Total number of tornadoes

23

Deaths: 0; Injuries: 3

Highest rated tornado (F/EF)

EF2 (111-135 mph) Latest: June 20, 2010 and one previous

Location: 1 mile north of Billings.

Path 0.7 miles long and 120 yards wide. This tornado developed near the intersection of Lake Elmo Drive and Main Street in the Billings Heights at approximately 4:24 pm, with significant EF-2 damage to several nearby businesses. Damage included rooftops being blown off of three structures, windows blown out, power poles downed, business signs and billboards blown down along with several trees uprooted. The tornado appeared to weaken slightly as it progressed southeast across Alkali Creek. Limbs were broken off numerous trees in the vicinity of the creek. The tornadic circulation then appeared to have strengthened once again as it moved south over the Rimrock Auto Arena at Metrapark. EF-2 damage was again observed to the arena with much of the roof blown off along with other damage to the exterior of the building. Debris from the arena impacted other nearby businesses creating additional damage, mainly in the form of broken windows. Debris from the arena was reported landing as far away as a mile from the tornado touchdown. The tornado then dissipated over the arena around 4:36 pm.

Highest wind speed (non-tornadic gust)

100 mph - estimated

Location: Huntley

Date: June 26, 2001 at 2020 MST

Two severe thunderstorms moved through Yellowstone County Montana on the evening of June 26, 2001. Huntley, Montana received 1.67 inches of rain in just under 50 minutes. Flash flooding was observed over much of eastern Yellowstone County including downtown Billings. Eventually two separate supercells merged just east of Billings. A Bow Echo evolved in this area and began moving east. Ten 70 foot (2 foot diameter) power poles were blown down in Huntley, Montana and a semi-trailer was blown over. Several 3 foot diameter trees were also blown down in Shepherd, Montana. A WFO Billings Post-Storm Damage Survey Team assessed this damage and estimated the wind speeds that caused it to be 90 to 100 mph.

Largest Hailstone

3.50 inches

Location/time: west of Billings on June 24, 1991 at 2020 MST

Severe hail damage occurred to windows, roofs and automobiles